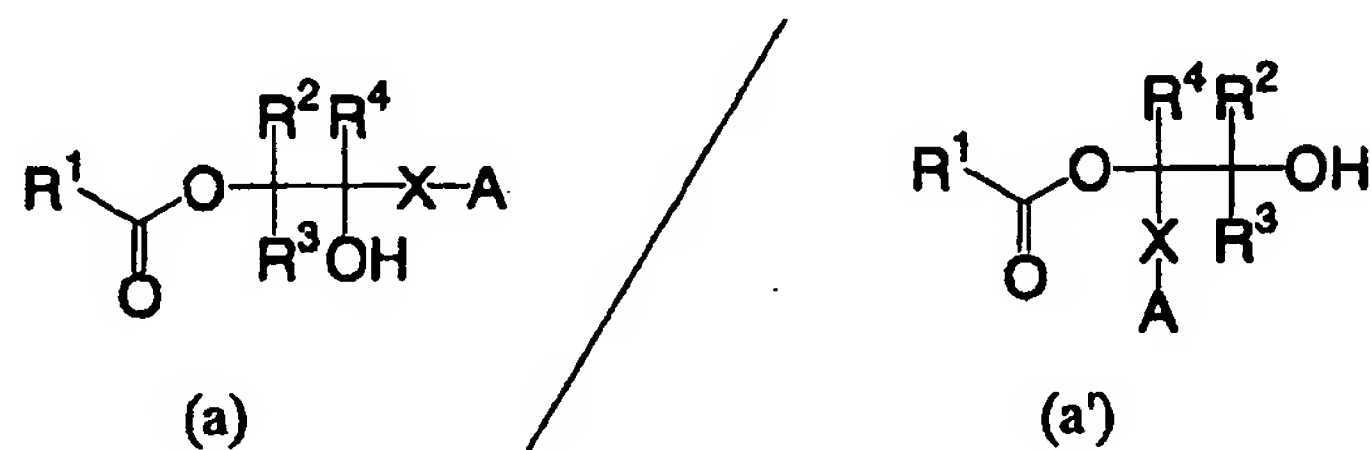


# CLAIMS

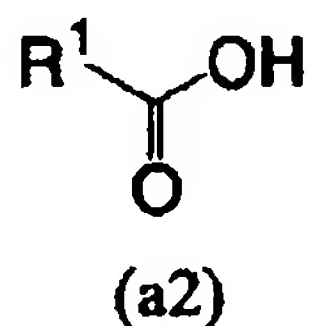
- [1] A process for producing of a silicone compound which includes a synthesis reaction of a silicone compound represented by the following formulas (a) and/or (a'),

[Formula 3]



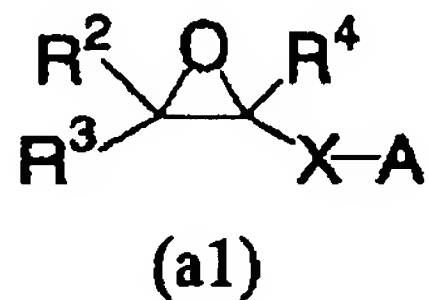
by reacting a carboxylic acid represented by the following formula (a2)

[Formula 2]



to an epoxy silane represented by the following formula (a1)

[Formula 1]



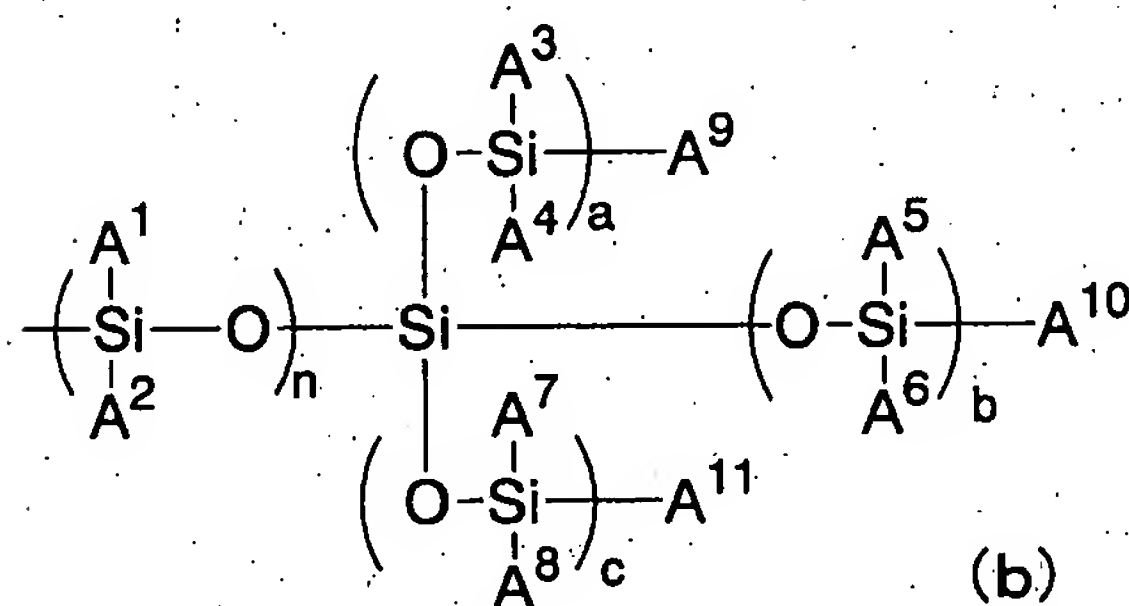
in presence of a metal salt of the carboxylic acid represented by the general formula (a2), characterized in that the reaction is carried out in presence of 0.05 wt% or more water in said reaction system.

(Here, A denotes siloxanyl group. R<sup>1</sup> denotes a substituent with 1 to 20 carbons having a polymerizable group. R<sup>2</sup> to R<sup>4</sup>

respectively and independently denote hydrogen, a substituted or unsubstituted substituent with 1 to 20 carbons, or -X-A. X denotes a substituted or unsubstituted divalent substituent with 1 to 20 carbons.)

- [2] A process for producing of a silicone compound characterized in that the silicone compound obtained according to Claim 1 is purified by a silica gel column or an alumina column.
- [3] A silicone compound obtained by the process according to Claim 1 or 2, wherein the siloxanyl group A is an atomic group represented by the following formula (b).

[Formula 4]

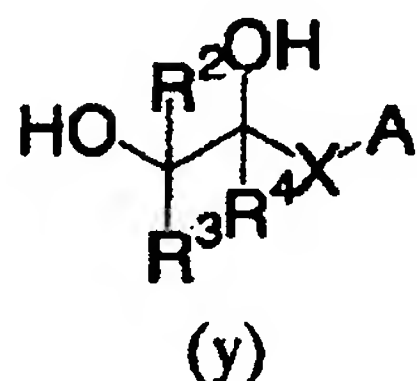


[In the formula, A<sup>1</sup> to A<sup>11</sup> respectively and independently denote any one of hydrogen, a substituted or unsubstituted alkyl group with 1 to 20 carbon atoms and a substituted or unsubstituted aryl group with 6 to 20 carbons. n denotes an integer of 0 to 200, a, b and c denote respectively and independently an integer of 0 to 20. However, the case of n = a = b = c = 0 is not included.]

- [4] A silicone compound according to Claim 3, wherein the siloxanyl group A is selected from the group consisting of tris(trimethylsiloxymethyl)silyl group, bis(trimethylsiloxymethyl)silyl group and trimethylsiloxymethylsilyl group.

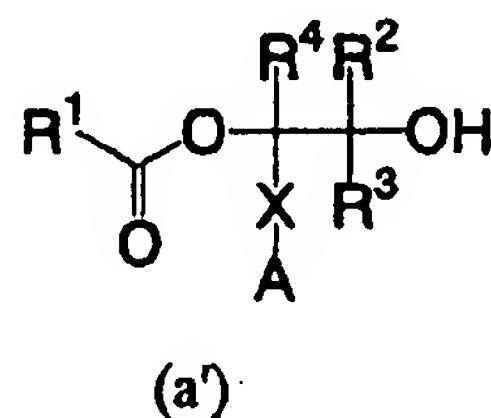
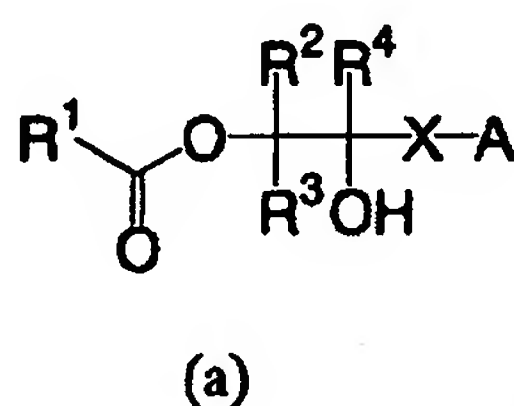
- [5] A silicone compound in which a content of a compound represented by the following general formula (y) is 0.4% or more and 3% or less,

[Formula 5]



and the purity of the silicone compound represented by the following general formulas (a) and/or (a') is 87% or more.

[Formula 6]



(Here, A denotes a siloxanyl group. R<sup>1</sup> denotes a substituent with 1 to 20 carbons having polymerizable group. R<sup>2</sup> to R<sup>4</sup> respectively and independently denote hydrogen, a substituted or unsubstituted substituent with 1 to 20 carbons, or -X-A. X denotes a substituted or unsubstituted divalent substituent with 1 to 20 carbons.)